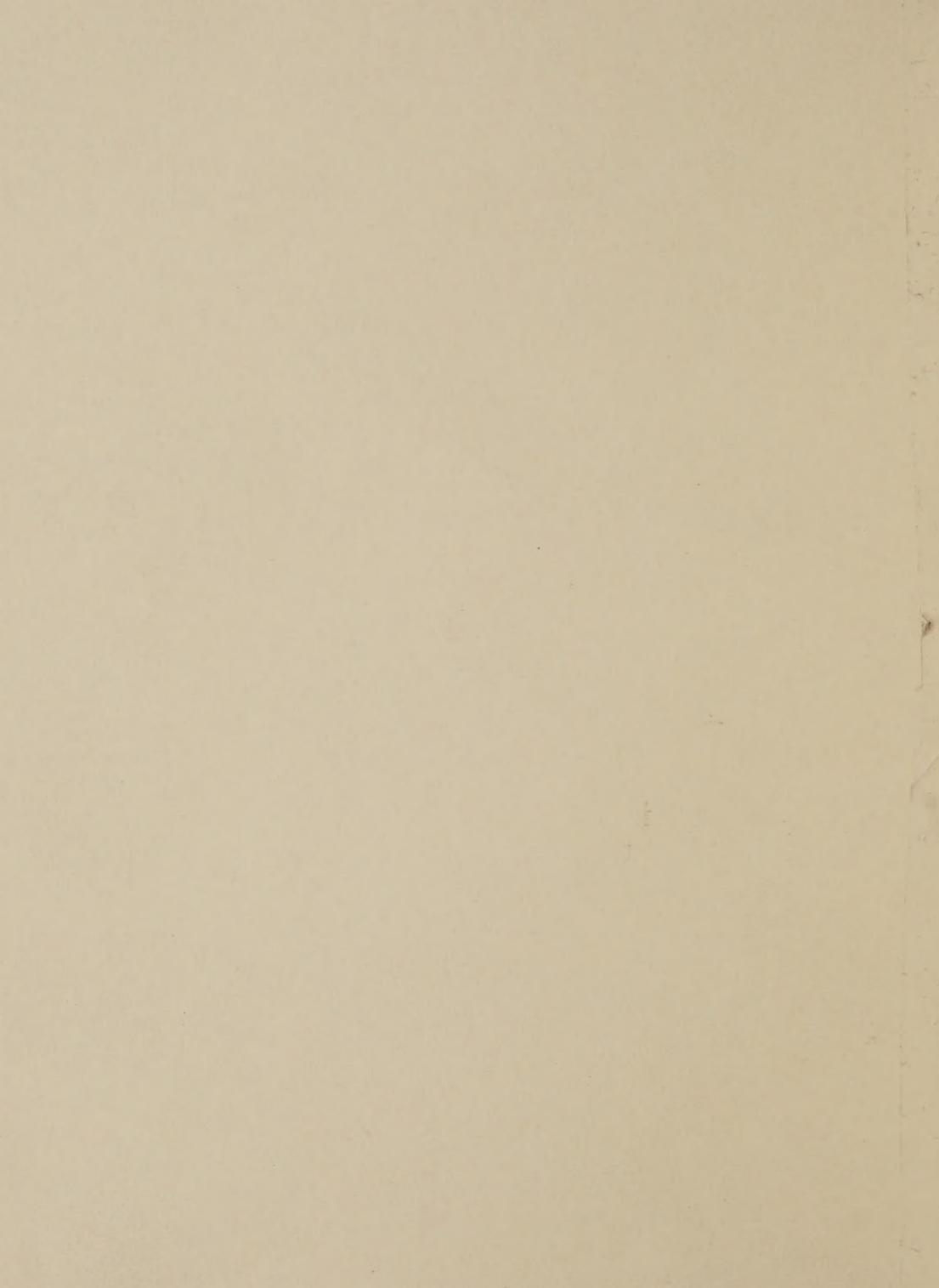


Historic, Archive Document

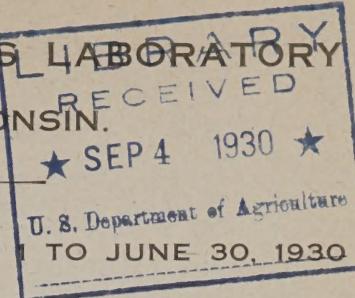
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U. S. FOREST PRODUCTS LABORATORY
MADISON, WISCONSIN.

LIST OF PUBLICATIONS JANUARY



Publications available for distribution at the laboratory are marked with an asterisk (*). Those not so marked are available as noted after the title.

Trade journals and magazines referred to, if not available in your local library, may be obtained from the list of publishers enclosed.

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*Neutral sulphite pulping process, part 2: Effect on yield, chemical properties, and color of pulps produced by changing the ratio of sodium sulphite to sodium bicarbonate in the cooking liquor, by M. W. Bray and P. R. Eastwood (in Paper Trade Journal, v. 90, No. 25, June 19, 1930, p. 57-60)

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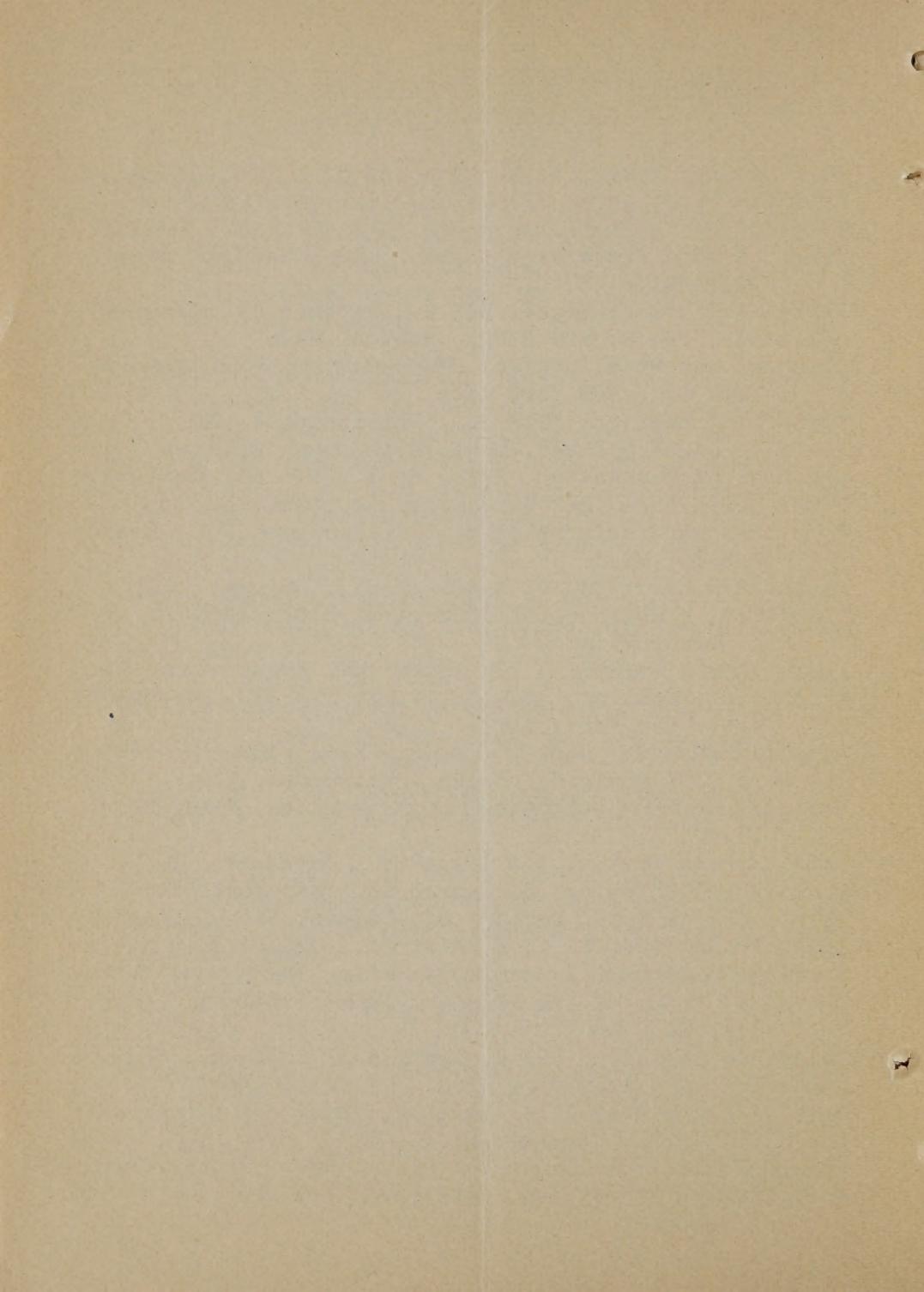
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- *Fire resistance of wood treated with zinc chloride and diammonium phosphate, by G. M. Hunt, T. R. Truax, and C. A. Harrison (in American Wood Preservers' Association Proceedings, 1930)
- *Studies of heat conduction in wood: Results of steaming green round southern pine timbers, by J. D. MacLean (in American Wood Preservers' Association Proceedings, 1930)
- *Service records of treated and untreated fence posts, by R. M. Wirka, (in American Wood Preservers' Association Proceedings, 1930)
- *Pitch-treated lodgepole pine poles give short life, by R. M. Wirka and C. N. Whitney (in Telephone Engineer, Jan., 1930)
-----Same. (in Electric Light and Power, Feb., 1930)

- *Preservative treatment of Engelmann spruce ties, by J. D. MacLean (in American Wood Preservers' Association Proceedings, 1930)

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- *Causes and prevention of raised grain, by Arthur Koehler (in Timberman, v. 31, No. 4, Feb., 1930)
-----Same. (in Wood Working Industries, Jan., 1930)
- Microscope as an aid to the naval stores industry, by Eloise Gerry (in Naval Stores Review, Jan., 1930)
- *How does the grain run? Porosity tests as applied by Forest Products Laboratory indicate without spoiling wood just what the inner construction is like, by H. D. Tiemann (in Furniture Manufacturer, v. 39, No. 3, Mar., 1930, p. 104, 108)
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U. S. DEPARTMENT OF AGRICULTURE

LIST OF PUBLICATIONS JULY 1 TO DECEMBER 31, 1930

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*Procedure used by the Forest Products Laboratory for evaluating paint service on wood, by F. L. Browne (Amer. Soc. for Testing Materials. Preprint, 1930)

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*Comparative strength properties of woods for cross ties, by L. J. Markwardt (Cross Tie Bul. Nov., 1930)

*The effects of nail points on resistance to withdrawal, by L. J. Markwardt and J. M. Gahagan (in Barrel & Box & Packages, Sept., 1930)

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*Pulping and papermaking properties of selected New Zealand woods, by C. E. Curran, P. K. Baird, E. R. Schafer, W. H. Monsson, G. H. Chidester, and A. R. Entrican (in New Zealand State Forest Service Bulletin No. 6, Feb., 1930)

*Evaluation of second-growth longleaf pine pulp wood, by M. W. Bray and B. H. Paul (in Southern Lumberman, Dec. 15, 1930)

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